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NOTICE OF ALLOWANCE AND FEE(S) DUE

22879 7590 02/04/2010

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
3404 E. Harmony Road
Mail Stop 35
FORT COLLINS, CO 80528

EXAMINER

LIN, WEN TAI

ART UNIT

PAPER NUMBER

2454

DATE MAILED: 02/04/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/047,629	01/15/2002	Conrad K. Meyer	10014352-1	4113

TITLE OF INVENTION: SYSTEM AND METHOD FOR LOCATING A RESOURCE LOCATOR ASSOCIATED WITH A RESOURCE OF INTEREST

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	05/04/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

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10/047.629 01/15/2002 Conrad K. Meyer 10014352-1 4113

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nonprovisional	NO	\$1510	\$0	\$0	\$1510	05/04/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
LIN, WEN TAI	2454	709-225000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1892 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1892 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability**Application No.**

10/047,629

Examiner

Wen-Tai Lin

Applicant(s)

MEYER, CONRAD K.

Art Unit

2454

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 1/7/10.
2. ☒ The allowed claim(s) is/are 1-29.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT
AND
REASONS FOR ALLOWANCES

1. An examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable, an amendment may be filed as provided by 37 C.F.R. 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Authorization for the examiner's amendment was given in a telephone interview with Mr. Mark Trenner, reg. no. 43961, on January 19, 2010.

2. In the claims: please amend claims 1, 8, 13 and 24 to the following:

1. (currently amended) A method of accessing a resource associated with a resource locator (RL) comprising the following computer-implemented steps of:

receiving input of a RL at an address box displayed on a user device, said RL corresponds to a resource;

soliciting input of search terms to the address box if said RL is invalid;

receiving input of said search terms;

searching a predetermined index of addresses of valid RLs in accordance with said search terms;

presenting a list of all valid RLs in said predetermined index with

addresses that correspond to said search terms;

receiving selection of a RL from said list; and

retrieving and displaying content from said selected RL, wherein said search term describes a name of a location corresponding to said RL.

8. (currently amended) A method of accessing a resource associated with a resource locator (RL) comprising the following computer-implemented steps of:

receiving input of a RL at an address box displayed on a user device, said RL corresponding to an address for a resource;

determining if said RL is valid;

soliciting input of a RL search string to the address box if said RL is invalid;

receiving input of said RL search string; and

searching a predetermined index of valid RLs in accordance with said RL search string to determine valid RLs that meet criteria specified by said RL search string, wherein said search string describes a name of a location corresponding to said RL.

13. (currently amended) A method of selecting a resource locator (RL) comprising the following computer-implemented steps of:

receiving input of a RL at an address box displayed on a user device, said RL corresponding to a resource;

determining if said RL is valid;

soliciting input of search terms to the address box if said RL is invalid;

generating a RL search string at the user device if said RL is invalid; and
searching a predetermined index of valid RLs in accordance with said RL search string to determine valid RLs that meet the criteria of said RL search string, wherein said RL search term describes a name of a location for a desired resource and said valid RLs have names that correspond to said RL search string.

18. (currently amended) A system for accessing a resource associated with a resource locator (RL) comprising:

controller for receiving a RL search string from an address box on a user device, wherein said RL search string is generated at the user device based upon an invalid RL that was provided as input to the address box on the user device, the input solicited if said RL is invalid;

memory associated with said controller for storing a list of valid RLs; and

said controller is further configured to search said list of valid RLs to determine valid RLs that meet criteria of said RL search string, wherein said RL search ~~term~~string describes a name of a location for a desired resource and said valid RLs have names that correspond to said RL search string.

24. (currently amended) A system for accessing a resource associated with a resource locator (RL) comprising:

controller for receiving a RL from an address box on a user device;

memory associated with said controller for storing a list of valid RLs at the user device;

said controller is configured to ~~solicit~~^{generate} a RL search string to be entered into the address box if said RL is determined to be invalid; and

said RL search string comprises a wildcard, wherein said RL search term describes a name of a location for a desired resource and said valid RLs have names that correspond to said RL search string.

3. The following is an examiner's statement of reasons for allowance:

When a resource locator (RL) is entered into an address box on a user device, it is expected that the associated computer/device would directly show the requested resource if the RL is entered correctly. This is exemplified by the nominal use of a URL address box on a browser, which leads to the display of a web page.

The current application attempts to resolve the issue of an invalid RL being entered into the address box. That is, by allowing the RL address box also functions as a search box, the computer may proceed to find a set of relevant, valid resource locators (RLs) from which a user can choose one that is valid, followed by entering the correct one into the same RL address box. In order to distinguish between the RL address mode and the RL search mode, the system has to direct a user when to enter a valid RL and when to input a search string (for correct RLs) into the same address box. This is done by displaying a solicitation message at the address box when the system enters the RL search mode; otherwise, the system is on the RL address mode. It is noted that the RL search string is limited to the text corresponding to the targeted RL itself because the search is performed on a collection of valid RLs.

4. The closest prior art of record, specifically Belfiore (US6009459) and Hailpern (US7383299), also attempts to resolve the issue of an invalid RL. Belfiore teaches a method that when a system determines that an entered RL is invalid, it automatically enters a search mode by examining the entered text to see if it contains a search directive (such as GO or FIND) or excludes certain symbols from the entered text. In a sense, the system is passively driven to a search mode by the way the text is entered into the address box, while on the other hand the system of the instant invention proactively directs a user to use a search mode. The effect of the soliciting phrase in the claims was considered a distinguishing limitation in the recent BPAI Decision, wherein the BOARD ruled out any implicit or inherent solicitation-related teaching in the Belfiore reference.

Hailpern teaches a system that accepts partially specified URL as search terms (which may include a wildcard) for searching among a collection of valid URLs, from which a user may select a relevant one. Hailpern's system does not switch between a search mode and a direct RL address mode. A combination of Belfiore and Hailpern would not yield the claimed invention.

Finally, it is further noted that the claimed computer-implemented method is substantially different from an online library catalog search. This is because the latter always stays on a search mode, even though the searched keys may be switched from one category (e.g., authors of a book) to another category (e.g., subject/title of a book). That is, there is no switching between a direct RL address mode and a RL search mode.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen-Tai Lin whose telephone number is (571)272-3969. The examiner can normally be reached on Monday-Friday (8:00-5:00) .

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571)272-1915. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(571)273-8300 for official communications; and

(571)273-3969 for status inquires draft communication.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wen-Tai Lin

January 20, 2010

/Wen-Tai Lin/
Primary Examiner, Art Unit 2454